



MARQUIS





1975



Founded
Marquis Grain

1976



Corn
Procurement
& Hedging

1995



Marine
Operations

2005



Marquis
Energy

2018



Marquis
Energy Global

2018



High-Pro and
DCO Tech
"ProCap"

2020



Pharmaceutical
Alcohol and
Bottling (XT)

2022



Marquis
Industrial
Complex

Investing in innovation and rural economies for *49 years!*



WHAT'S AHEAD FOR US: PROJECT TIMELINE INVESTMENTS MADE IN AMERICAN BIOENERGY



WE'RE INVESTING IN TOMORROW, TODAY.

*pending permitting

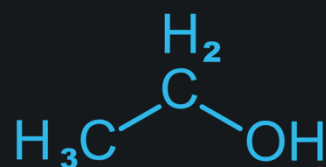


CORN: THE **VALUE-ADDED** CO-PRODUCTS DERIVED FROM OUR CORN INPUTS.

FROM ONE NON-EDIBLE
BUSHEL OF CORN WE ARE ABLE
TO PRODUCE...



1 BUSHEL (BU)
CORN = 56 LBS



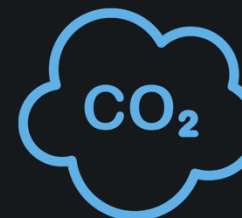
ETHANOL
19.1 LBS / BU
8.7 kg / BU



DISTILLERS CORN OIL
1.1 LBS / BU
0.5 kg / BU



DDGS
12.4 LBS / BU
5.6 kg / BU



CARBON DIOXIDE
19 LBS / BU
8.6 kg / BU



PRO CAP GOLD
1.1 LBS / BU
0.5 kg / BU

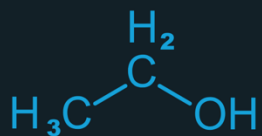
**FEED AND FUEL
SOLUTION.**

DECARBONIZING BOTH SECTORS



where we are headed...

ETHANOL MARKET TODAY



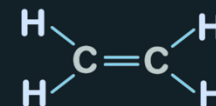
ETHANOL

HIGH PROTIEN
FEEDCO₂DISTILLERS CORN
OIL

ETHANOL MARKET TOMORROW



SAF



ETHYLENE



CHEMICALS

HEAVY DUTY
TRANSPORTATIONPRODUCTS FROM
CO₂

BIO PLASTICS



RAIL



MARINE

HIGH PROTIEN
FEED






Certificate

according to the
Renewable Energy Directive (RED II)

(Directive (EU) 2018/2001 on the promotion of the use of energy from renewable sources (recast))

Certificate Number: EU-ISCC-Cert-DE105-81656511

Control Union Certifications Germany GmbH
Dorotheastr. 30, D-10318 Berlin

certifies that

Marquis Energy LLC
11953 ESK Road, Hennepin, 61327 Hennepin IL
UNITED STATES

complies with the requirements of the certification system
ISCC EU
(International Sustainability and Carbon Certification)
and the requirements of the RED II.

Place of the audit
(if different from the legal address of the system user as stated above; only applicable for traders and traders with storage):
n.a.

This certificate is valid from 23.08.2021 to 22.08.2022.

The site of the system user is certified as:

Ethanol plant
Point of origin
Trader with storage

Berlin, 23.08.2021

Place and date of issue



CUC Germany GmbH
Dorotheastr. 30, D-10318 Berlin
Tel: +49 (0) 30 509 69 88 - 0
Fax: +49 (0) 30 509 69 88 - 38

Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 23.08.2021

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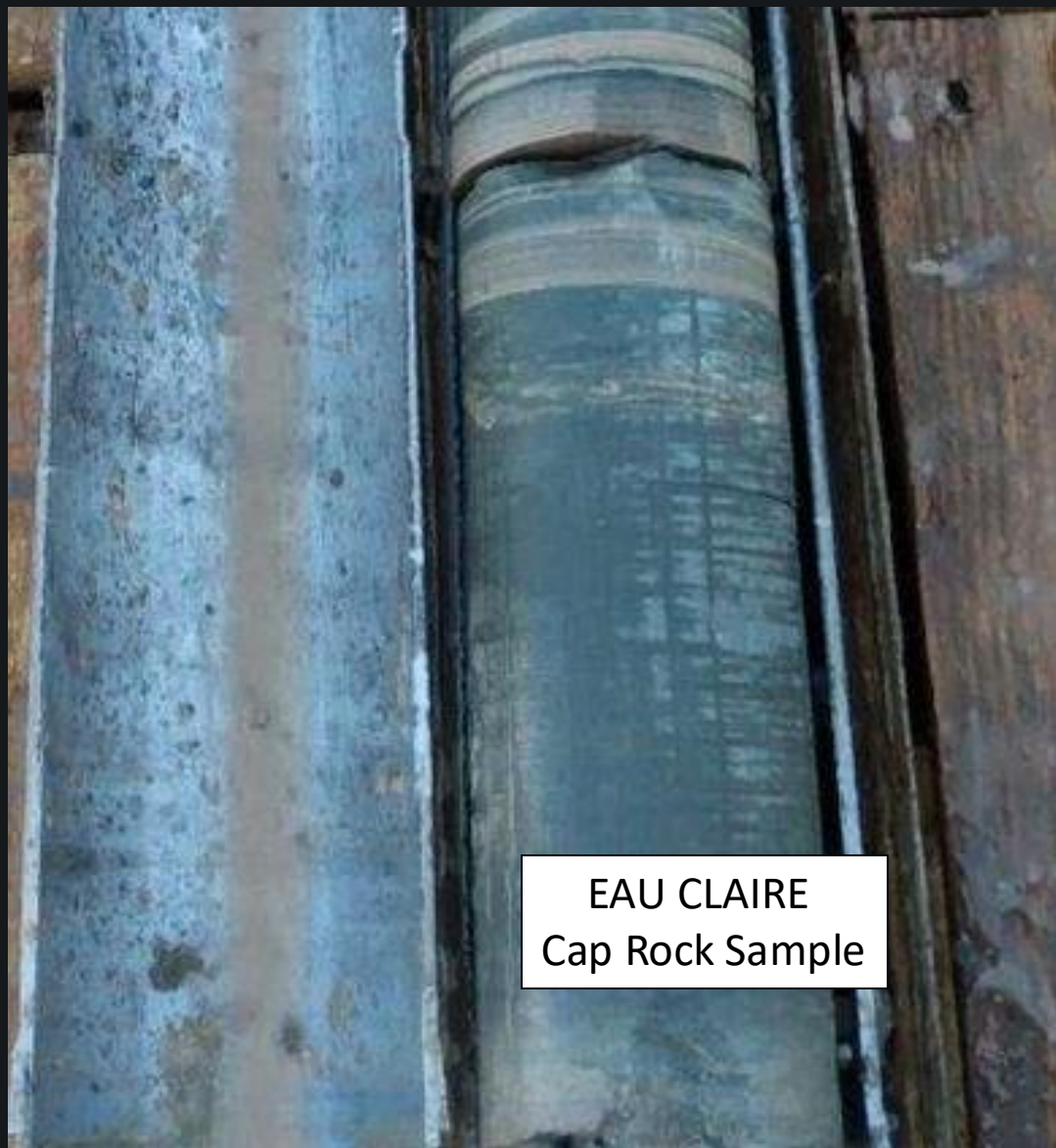
ISCC Farmer Program

ISCC is a globally applicable sustainability certification system and covers all sustainable feedstocks.

The verification of compliance with the ISCC requirements as well as the issuance of ISCC certificates are performed by recognized third-party certification bodies (CBs) cooperating with ISCC.



MARQUIS CARBON





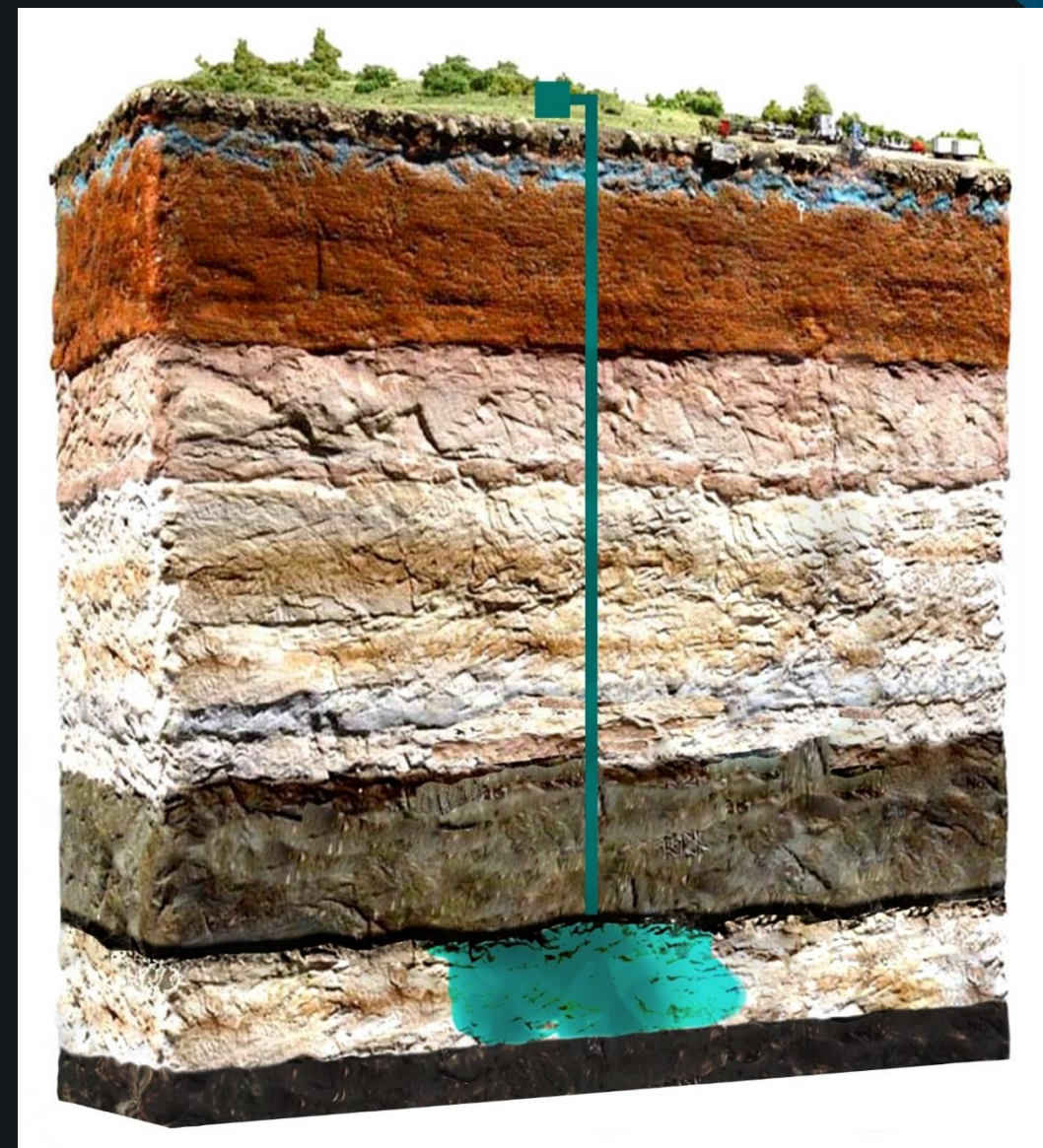
Bio Energy Carbon Capture and Storage

BECCS



<https://co2public.er.usgs.gov/viewer/>

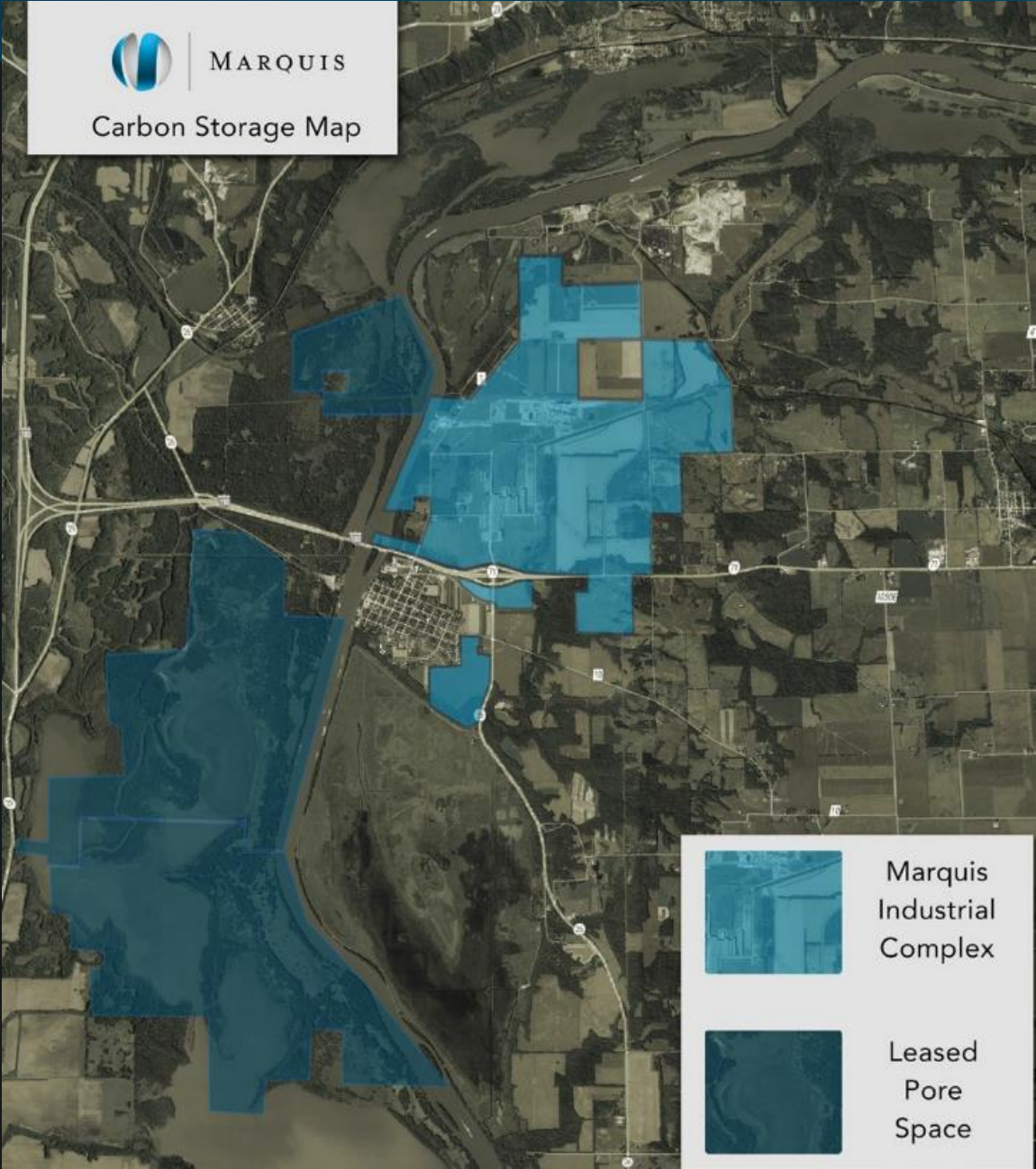
capstone layer capable of permanently trapping CO₂ below
saline sandstone formation
sequestration depth is typically 3,000 to 5,000 feet
basement rock



Secured Pore Space



MARQUIS



UIC Class VI Permit Tracker

Completeness Review Details

Technical Review Details

UIC Class VI Permit Tracker

EPA aims to review complete Class VI applications and issue permits, when appropriate, within approximately 24 months. This timeframe is dependent on several factors, including receiving timely responses from applicants. The dark green bars below represent the cumulative days that EPA has waited on applicant responses to RAIs. The lightest green represents the days the review was on applicant requested hold.

Applicant	Days on Hold (Lightest Green)	Days Waited (Dark Green)	Total Days	Days Beyond 24 Months
Carbon TerraVault I, LLC: CTV Elk Hills A1-A2	~100	~170	~270	~50
Carbon TerraVault I, LLC: Elk Hills 26R	~100	~170	~270	~50
Lorain Carbon Zero Solutions, LLC: Lorain CCS	~100	~170	~270	~50
Oxy Low Carbon Ventures, LLC: Brown Pelican	~100	~170	~270	~50
Carbon TerraVault Holdings, LLC: CTV II	~100	~170	~270	~50
Carbon TerraVault Holdings, LLC: CTV III	~100	~170	~270	~50
Marquis Carbon Injection, LLC: Marquis Carbon	~100	~275	~375	~155
Heartland Greenway Carbon Storage, LLC: Heartland ...	~100	~170	~270	~50
One Carbon Partnership, LP: Hoosier #1	~100	~170	~270	~50
One Earth Sequestration, LLC: One Earth CCS	~100	~170	~270	~50
Aera Energy, LLC: CarbonFrontier	~100	~170	~270	~50
Orchard Storage Company, LLC: Orchard	~100	~170	~270	~50

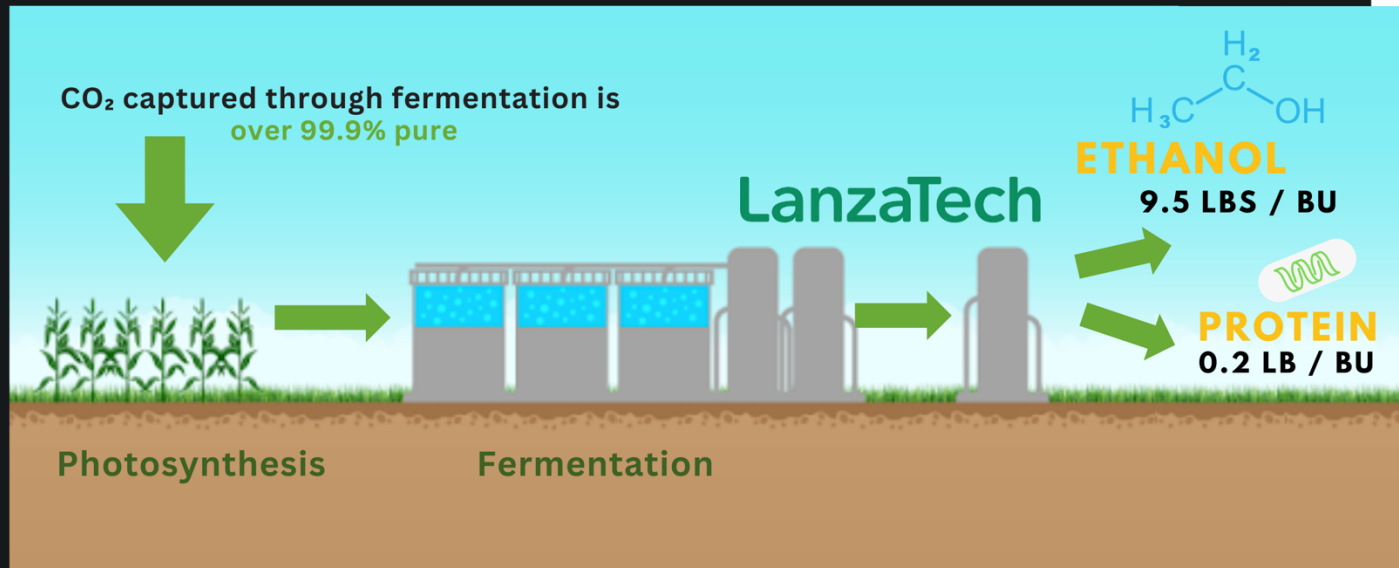
Last Updated: 10/25/2020



UTILIZATION

"No carbon left behind"

In 2023, Marquis secured grant funding from the US Department of Energy to build a pilot-scaled CO₂ utilization project.



Bioenergy Technologies Office

U.S. Department of Energy Awards \$118 Million to Accelerate Domestic Biofuel Production

JANUARY 26, 2023

Bioenergy Technologies Office » U.S. Department of Energy Awards \$118 Million to Accelerate Domestic Biofuel Production

The U.S. Department of Energy (DOE) has awarded \$118 million in funding for 17 projects to accelerate the production of sustainable biofuels for America's transportation and manufacturing needs. The selected projects, located at universities and private companies, will drive the domestic production of biofuels and bioproducts by advancing biorefinery development, from pre-pilot to demonstration, to create sustainable fuels that reduce emissions associated with fossil fuels. Funding for this opportunity supports President Biden's goals to deliver an equitable, clean energy future, and put the United States on a path to achieve net-zero emissions, economy-wide, by no later than 2050. Projects selected as part of this funding opportunity will contribute to meeting DOE's goal to achieve cost-competitive biofuels and at least a 70% reduction in greenhouse gas (GHG) emissions by 2030.

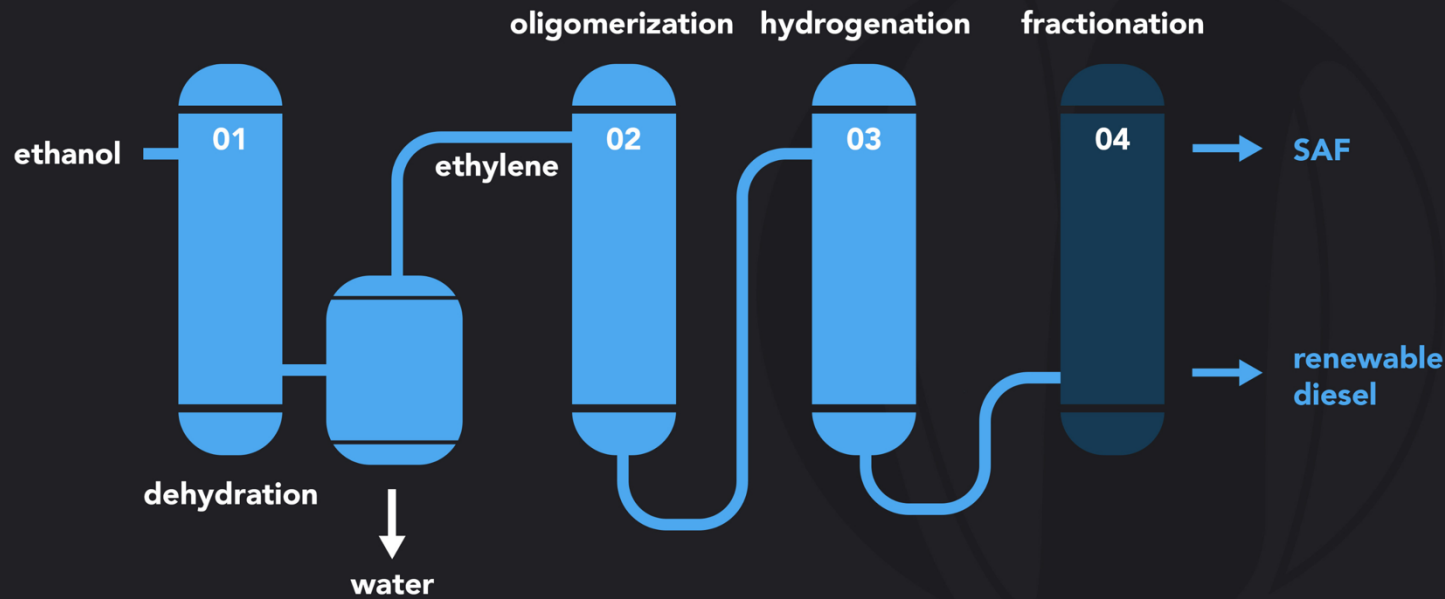


Marquis
1,197 followers
2d •

Marquis has been chosen as 1 of 17 recipients of grant funding to support our work in decarbonizing domestic biofuel production. Thank you to the [U.S. Department of Energy \(DOE\)](#) for helping us demonstrate how to unlock new paths to the decarbonization in biofuels - making energy from what is today considered waste.



SUSTAINABLE AVIATION FUEL THE PROCESS



FAST Grant Awards



36 Projects
23 States
\$291M Awarded

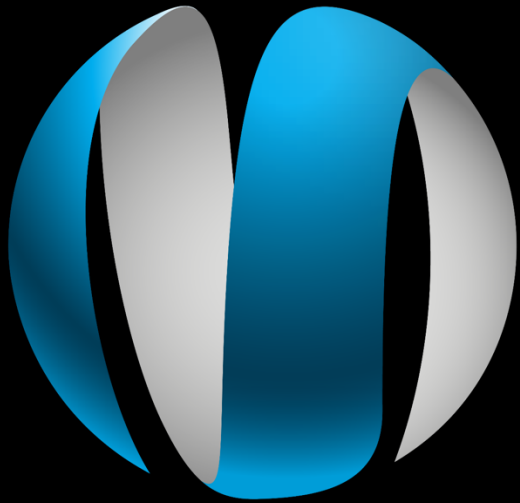
Sustainable Marine Ethanol



Sustainable Seas: Navigating to Net Zero



GLOBAL REACH



MARQUIS

Dr. Jennifer Aurandt-Pilgrim

Vice President

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